

Product datasheet for **SC215866**

EDG2 (LPAR1) (NM_001401) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | EDG2 (LPAR1) (NM_001401) Human 3' UTR Clone |
| Symbol: | EDG2 |
| Synonyms: | edg-2; EDG2; Gpcr26; LPA1; Mrec1.3; rec.1.3; vzg-1; VZG1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_001401 |
| Insert Size: | 2000 bp |



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Insert Sequence: >SC215866 3'UTR clone of NM_001401
 The sequence shown below is from the reference sequence of NM_001401. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTTACAGCAATGACCACTCTGTGGTTTAGAACGGAAACTGAGATGAGGAACCAGCCGCTCTCTTGG
AGGATAAACAGCCTCCCCCTACCAATTGCCAGGGCAAGGTGGGGTGTGAGAGAGGAGAAAAGTCAACT
CATGTACTTAAACACTAACCAATGACAGTATTTGTTCTCGACCCACAAGACTTGATATATATTGAAA
ATTAGCTTATGTGACAACCTCATCTTGATCCCCATCCCTTCTGAAAGTAGGAAGTTGGAGCTCTTGCA
ATGGAATTCAAGAACAGACTCTGGAGTGTCCATTTAGACTACACTAACTAGACTTTTAAAGATTTTGT
GTGGTTTGGTGAAGTCAGAATAAATTCTGGCTAGTTGAATCCACAACCTCATTTATACAGGCTTCC
CTTTTTATTTTTAAAGGATACGTTTCACTTAATAAACACGTTTATGCCTATCAGCATGTTTGTGATGG
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GGAATTATCTTTTGTGTTAGAAAGCATGCATGTAATGTATGTATGCAGTATGCCTTACTTAAAAAGATTA
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TGAAGCAAACAATGCTCTAATCACAATATTAAGTGTAAATTAATAAGTGTGTAACAAGTATAAACAGG
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TTCATTATTATAAAGTTGCAGAAATTTGGTGTACATAAACTGTCTCCATATAATTGATTATTAGGATA
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AACTGTCTCAAGAATCAAGGTACCCCAATATATCTCGCAATTCAAAATTTGTTTGGAGGACTCGTTAT
CCAGCTCTTGGTAGCCACACCTGCAATGTAATAAGGAAGAAATGCAAAGAAACCAATGTGCCGAGTG
AATAAAGGATTGTCATATCAATTAAGTGTGGTCCATCTGTAGCAATGGGTTGAGTGTGTCAGTATGTG
GTTGGTACTGTGATTTCGCCAGGAATCACCCGATAGGCTGCCACCCTATTAGGTGATACCTGTTTAA
TATGTTGTCCAGGTAGACTAGTAGTTGCATCAGTTTGTGTAACAAGTAACCAAGTGAAGTAAACAGTG
GTGAAGCAGGTGAGGGGAGGTCAGGAGGATGTCTGAGAGAAAGAAGTCCGGGAGATGAATGGCTGTCTA
GGAAGGAGGATGTCAGTGCACGGTTAGTGTGTTGAGCAGAGGGCAGACTTGTAAAGTACCTGTAGTGAA
ACGCGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001401.5](#)

Summary:

The integral membrane protein encoded by this gene is a lysophosphatidic acid (LPA) receptor from a group known as EDG receptors. These receptors are members of the G protein-coupled receptor superfamily. Utilized by LPA for cell signaling, EDG receptors mediate diverse biologic functions, including proliferation, platelet aggregation, smooth muscle contraction, inhibition of neuroblastoma cell differentiation, chemotaxis, and tumor cell invasion. Many transcript variants encoding a few different isoforms have been identified for this gene. [provided by RefSeq, Oct 2020]

Locus ID:

1902

MW:

78.1